

### **Abstract**

5       A selection method for barley lipoxygenase-1 deficient barley, comprising a step of distinguishing the barley lipoxygenase-1 deficient barley by whether or not the guanine at the splicing donor site of the 5th intron of the barley lipoxygenase-1 gene is mutated to a different base; and a method for production of malt alcoholic beverages using a material for malt alcoholic beverages derived from barley obtained by the selection method.